

Alignment

<http://blue.inceyte.com/cgi-bin/LegalTool/geneAlign.pl?GeneA=prot...>**2572892CD1\_PRT\_19\_PF-0662-USN**

264 aa

**SNAI1**

264 aa

Snail 1 (*Drosophila*) homolog, a zinc-finger transcriptional repressor, represses expression of E-cadherin (CDH1) and aromatase (CYP19), may play a role in carcinoma and melanoma progression by repressing CDH1

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Match: Length=264, Identity: 99%, Similarity:99%, Query Overlap: 100%, Subject Overlap: 100%,  
E-value:3e-161, Score:548

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Query: 1 MPRSFLVRKPSDPNRKP NYSELQDSNPEFTFQQPYDQAHLLAAIPPEILNPTASLPMLI 60  
MPRSFLVRKPSDPNRKP NYSELQDSNPEFTFQQPYDQAHLLAAIPPEILNPTASLPMLI

Sbjct: 1 MPRSFLVRKPSDPNRKP NYSELQDSNPEFTFQQPYDQAHLLAAIPPEILNPTASLPMLI 60

Query: 61 WDSVLAPQAQPIAWASLRLQESPRVAELTLSDEDSGKGSQPPSPPSPAPSSFSSTSASS 120  
WDSVLAPQAQPIAWASLRLQESPRVAELTLSDEDSGKGSQPPSPPSPAPSSFSSTS SS

Sbjct: 61 WDSVLAPQAQPIAWASLRLQESPRVAELTLSDEDSGKGSQPPSPPSPAPSSFSSTS 120

Query: 121 LEAEAYAAFPGGLGQVPKQLAQLSEAKDLQARKAFNCKYCNKEYLSLGALKMHIRSHTLPC 180  
LEAEAYAAFPGGLGQVPKQLAQLSEAKDLQARKAFNCKYCNKEYLSLGALKMHIRSHTLPC

Sbjct: 121 LEAEAYAAFPGGLGQVPKQLAQLSEAKDLQARKAFNCKYCNKEYLSLGALKMHIRSHTLPC 180

Query: 181 VCGTCGKAFSRPWLLQGHVRTHTGEKPFSCPHCSRAFADRSNLRAHLQTHSDVKKYQCQA 240  
VCGTCGKAFSRPWLLQGHVRTHTGEKPFSCPHCSRAFADRSNLRAHLQTHSDVKKYQCQA

Sbjct: 181 VCGTCGKAFSRPWLLQGHVRTHTGEKPFSCPHCSRAFADRSNLRAHLQTHSDVKKYQCQA 240

Query: 241 CARTFSRMSLLHKHQESGCGCPR 264  
CARTFSRMSLLHKHQESGCGCPR

Sbjct: 241 CARTFSRMSLLHKHQESGCGCPR 264

**Schematic Colors:**

Very Strong	Strong	High	Moderate	Low	Weak
I	:	:	:	:	:

  

>95%	80-95%	45-80%	35-45%	25-35%	20-25%
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